

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHODS FOR VERIFYING FLUID MOVEMENT

the specification of which (check one) \_\_\_\_\_ is attached hereto   x   was filed on September 5, 2003, as U.S. Patent Application Serial No. 10/655,588 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

=====

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
Number	Country	Day/Month/Year Filed	Yes	No
=====				

I hereby claim the benefit under Title 35, United States Code, §120 and/or 119(e) of any United States application(s) and/or provisional application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status Patented, Pending, Abandoned
60/408,296	September 6, 2002	Abandoned
=====		

I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: **WILLY LAGWINSKI**

Inventor's signature: *W. Lagwinski*

Date: Feb. 24/2004

Residence: Walnut Creek, California USA

Citizenship: United States

Post Office Address: c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097

Full name of second inventor: **CHARLES A. HARRINGTON**

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

By \_\_\_\_\_ as Attorney-in-Fact

Residence: Castro Valley, California USA

Citizenship: United States

Post Office Address: c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097

Full name of third inventor: **BRUCE H. PHELPS**

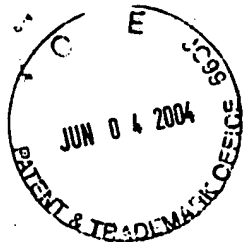
Inventor's signature: *Bruce H. Phelps*

Date: 04 Mar '04

Residence: Clayton, California USA

Citizenship: United States

Post Office Address: c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097



DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHODS FOR VERIFYING FLUID MOVEMENT

the specification of which (check one) \_\_\_\_\_ is attached hereto x was filed on September 5, 2003, as U.S. Patent Application Serial No. 10/655,588 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>	<u>Yes</u>	<u>No</u>

I hereby claim the benefit under Title 35, United States Code, §120 and/or 119(e) of any United States application(s) and/or provisional application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>Application</u>		<u>Status</u>
<u>Serial No.</u>	<u>Filing Date</u>	<u>Patented, Pending, Abandoned</u>
60/408,296	September 6, 2002	Abandoned

I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: **WILLY LAGWINSKI**

Inventor's signature: *W. Lagwinski*

Date: Feb. 24/2004

Residence: Walnut Creek, California USA

Citizenship: United States

Post Office Address: c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097

Full name of second inventor: **CHARLES A. HARRINGTON**

Inventor's signature: *Robin T Gilb*

Date: 5.23.04

By ROBIN T GILB as Attorney-in-Fact

Residence: Castro Valley, California USA

Citizenship: United States

Post Office Address: c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097

Full name of third inventor: **BRUCE H. PHELPS**

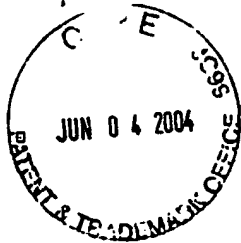
Inventor's signature: *Bruce H Phelps*

Date: 04 Mar 04

Residence: Clayton, California USA

Citizenship: United States

Post Office Address: c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097



PATENT  
Atty. Docket No. PP-19681.002

I hereby certify that this paper is being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Nancy L. Swanson  
Nancy L. Swanson

June 1, 2004  
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: WILLY LAGWINSKI et al.  
Confirmation No.: 7324  
U.S. Application No. 10/655,588  
Filing Date: September 5, 2003  
Group Art Unit: 1743  
Examiner: Unassigned  
For: METHODS FOR VERIFYING FLUID MOVEMENT

**CERTIFICATE UNDER 37 C.F.R. § 3.73(b)**

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

CHIRON CORPORATION, a Corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)  
states that it is:

1. ☒ the assignee of the entire right, title, and interest,  
or

**DO NOT FORWARD TO ASSIGNMENT BRANCH**

2. ☐ an assignee of an undivided part interest in the patent application/patent identified above by virtue of either:

A. ☒ An Assignment from the inventor(s) of the patent application/patent identified above. The original Assignment was forwarded on June 1, 2004 to the Assignment Branch of the U.S. Patent and Trademark Office for recordation.

B. ☐ A chain of title from the inventor(s) of the patent application/patent identified above to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

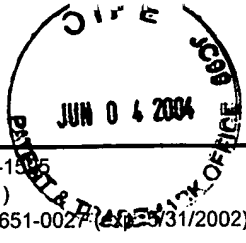
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned is empowered to act on behalf of the assignee.

Signature: Marcella Lillis  
Name: Marcella Lillis  
Title: Assistant Secretary  
CHIRON CORPORATION

Date: 6/1/04

**DO NOT FORWARD TO ASSIGNMENT BRANCH**



Form PTO-1506  
(Rev. 03/01)  
OMB No. 0651-0027 (Exp. 3/31/2002)

RECORDATION FORM COVER SHEET  
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

Atty Docket No.: PP-19681.002

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
  
**LAGWINSKI, Willy  
HARRINGTON, Charles A.  
PHELPS, Bruce H.**  
  
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)  
Name: **Chiron Corporation**  
  
Internal Address: **Intellectual Property Dept., R-338**  
Street Address: **4560 Horton Street**  
  
City: **Emeryville** State: **CA** Zip: **94608-2916**  
☐ Other  
  
Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:  
  
☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_  
  
Execution Date: **February 24, 2004, March 4, 2004 and May 23, 2004**

4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_.  
A. Patent Application No.(s)  
**U.S. Patent Application No. 10/655,588**  
B. Patent Registration No.(s)  
  
Additional number(s) attached ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:  
  
Name: **Chiron Corporation**  
  
Internal Address: **Intellectual Property, Mail Stop R-338**  
Street Address: **4560 Horton Street**  
  
City: **Emeryville** State: **CA** Zip: **94608-2916**

6. Total number of applications and patents involved **1**  
  
7. Total fee (37 CFR 3.41)..... \$40.00  
☒ Enclosed  
☐ Authorized to be charged to deposit account,  
  
8. Deposit account number:  
**03-1664**  
  
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.  
*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*  
  
**Marcella Lillis (Reg. No. 36,583)** *Marcella Lillis* **6-1-04**  
Name of Person Signing Signature Date  
  
Total number of pages including cover sheet, attachments, and document: **13**

Mail documents to be recorded with required cover sheet information to:  
Mail Stop Assignment Recordation Services  
Director of the U.S. Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addressed to:

Mail Stop Assignment Recordation Services, Director of the U.S. Patent and Trademark Office, P. O. 1450, Alexandria, VA 22313-1450, on this 1st day of June, 2004.

By: *Marcella Lillis*

COPY ONLY  
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TO  
ASSIGNMENT BRANCH

**ASSIGNMENT**

*WHEREAS, We, WILLY LAGWINSKI, CHARLES A. HARRINGTON, and BRUCE H. PHELPS, hereinafter referred to as ASSIGNORS, have co-invented certain improvements as described and set forth in the below-identified application for United States Letters Patent:*

Title of Invention:           **METHODS FOR VERIFYING FLUID MOVEMENT**

Date of Execution:           February 24, 2004 and March 4, 2004

Filing Date:                 **September 5, 2003**

Serial No:                   **10/655,588**

*WHEREAS, CHIRON CORPORATION, located at 4560 Horton Street, Emeryville, California 94608-2916, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;*

*NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNORS by ASSIGNEE, receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE'S successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under 35 U.S.C. § 119(e)), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, to the full end and term of any Letters Patent.*

*ASSIGNORS also agree that the U.S. serial number and the filing date may be entered above by ASSIGNEE or its agents upon designation of the serial number and the filing date by the U.S. Patent and Trademark Office.*



**ASSIGNORS** further agree that they will, without charge to said **ASSIGNEE**, but at **ASSIGNEE'S** expense, cooperate with **ASSIGNEE** in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as **ASSIGNEE** lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said **ASSIGNEE**, or **ASSIGNEE'S** successors and assigns.

**IN TESTIMONY WHEREOF, ASSIGNORS** have hereunto signed their names to this assignment on the dates indicated below.

**INVENTOR: WILLY LAGWINSKI**

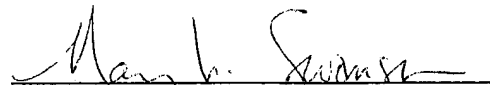
DATE Feb. 24/2004

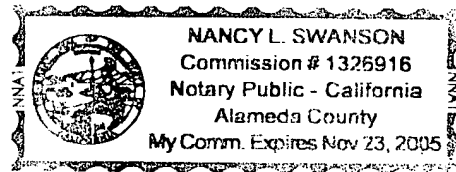
  
Signature

State of California  
County of Alameda

On 2/24/04 before me, Nancy L. Swanson, Notary Public, personally appeared Willy Lagwinski, personally known to me OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

  
Signature of Notary Public



Notary Seal

INVENTOR: CHARLES A. HARRINGTON

DATE \_\_\_\_\_  
Signature \_\_\_\_\_

State of California  
County of \_\_\_\_\_

On \_\_\_\_\_ before me, Nancy L. Swanson, Notary Public, personally appeared \_\_\_\_\_, personally known to me OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_  
Signature of Notary Public

Notary Seal

INVENTOR: BRUCE H. PHELPS

DATE 04 March 04

Bruce H Phelps  
Signature

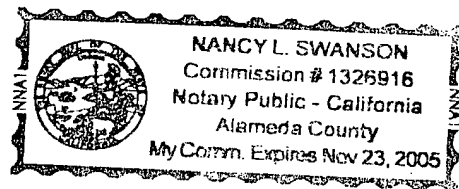
State of California

County of Alameda

On 3/4/04 before me, Nancy L. Swanson, Notary Public, personally appeared Bruce H. Phelps, personally known to me OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Nancy L. Swanson  
Signature of Notary Public



Notary Seal

**ASSIGNMENT**

*WHEREAS, We, WILLY LAGWINSKI, CHARLES A. HARRINGTON, and BRUCE H. PHELPS*, hereinafter referred to as **ASSIGNORS**, have co-invented certain improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:           **METHODS FOR VERIFYING FLUID MOVEMENT**

Date of Execution:           May 23, 2004

Filing Date:                 **September 5, 2003**

Serial No:                    **10/655,588**

*WHEREAS, CHIRON CORPORATION*, located at 4560 Horton Street, Emeryville, California 94608-2916, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

*NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:* Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to **ASSIGNORS** by **ASSIGNEE**, receipt of which is hereby acknowledged, **ASSIGNORS** have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said **ASSIGNEE**, and **ASSIGNEE'S** successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (**including conversions claiming priority under 35 U.S.C. § 119(e)**), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said **ASSIGNEE** as fully and exclusively as it would have been held and enjoyed by said **ASSIGNORS** had this assignment and transfer not been made, to the full end and term of any Letters Patent.

**ASSIGNORS** also agree that the U.S. serial number and the filing date may be entered above by **ASSIGNEE** or its agents upon designation of the serial number and the filing date by the U.S. Patent and Trademark Office.

**ASSIGNORS** further agree that they will, without charge to said **ASSIGNEE**, but at **ASSIGNEE'S** expense, cooperate with **ASSIGNEE** in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as **ASSIGNEE** lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said **ASSIGNEE**, or **ASSIGNEE'S** successors and assigns.

*IN TESTIMONY WHEREOF, ASSIGNORS* have hereunto signed their names to this assignment on the dates indicated below.

**INVENTOR: WILLY LAGWINSKI**

DATE \_\_\_\_\_  
Signature

State of California  
County of \_\_\_\_\_

On \_\_\_\_\_ before me, Nancy L. Swanson, Notary Public, personally appeared \_\_\_\_\_, personally known to me OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_  
Signature of Notary Public

Notary Seal

INVENTOR: CHARLES A. HARRINGTON

DATE 5.23.04

Robin T Gilb  
CHARLES A. HARRINGTON

By Robin T Gilb as Attorney-in-Fact

State of California  
County of \_\_\_\_\_

SEE ATTACHED POWER OF ATTORNEY FORM

On \_\_\_\_\_ before me, Nancy L. Swanson, Notary Public, personally appeared \_\_\_\_\_, personally known to me OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_  
Signature of Notary Public

Notary Seal

**INVENTOR: BRUCE H. PHELPS**

DATE \_\_\_\_\_  
Signature \_\_\_\_\_

State of California  
County of \_\_\_\_\_

On \_\_\_\_\_ before me, Nancy L. Swanson, Notary Public, personally appeared \_\_\_\_\_, personally known to me OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_  
Signature of Notary Public

Notary Seal

**STATE OF CALIFORNIA  
COUNTY OF ALAMEDA**

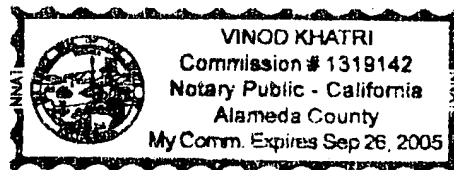
I, ROBIN TERESE GILB, hereby swear that the attached reproduction of the power of attorney for CHARLES. A HARRINGTON, is a true, correct and complete photocopy from the original document, which is in my possession.

*Robin Terese Gilb*  
ROBIN TERESE GILB

SUBSCRIBED AND SWORN TO BEFORE ME THIS  
23<sup>RD</sup> DAY OF FEBRUARY, 2004, BY ROBIN TERESE  
GILB.

*Vinod Khatri*

Signature of Notary Public



(Seal of Notary)

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DO NOT FORWARD  
TO  
ASSIGNMENT BRANCH



**UNIFORM STATUTORY FORM POWER OF ATTORNEY**  
**(California Probate Code Section 4401)**

NOTICE: THE POWERS GRANTED BY THIS DOCUMENT ARE BROAD AND SWEEPING. THEY ARE EXPLAINED IN THE UNIFORM STATUTORY FORM POWER OF ATTORNEY ACT (CALIFORNIA PROBATE CODE SECTIONS 4400-4465). IF YOU HAVE ANY QUESTIONS ABOUT THESE POWERS, OBTAIN COMPETENT LEGAL ADVICE. THIS DOCUMENT DOES NOT AUTHORIZE ANYONE TO MAKE MEDICAL AND OTHER HEALTH-CARE DECISIONS FOR YOU. YOU MAY REVOKE THIS POWER OF ATTORNEY IF YOU LATER WISH TO DO SO.

I, Charles A. Harrington of 819 Wall Street, Livermore, CA 94550, appoint Robin T. Gilb of 819 Wall Street, Livermore, CA 94550, as my agent (attorney-in-fact) to act for me in any lawful way with respect to the following initialed subjects:

TO GRANT ALL OF THE FOLLOWING POWERS, INITIAL THE LINE IN FRONT OF (N) AND IGNORE THE LINES IN FRONT OF THE OTHER POWERS.

TO GRANT ONE OR MORE, BUT FEWER THAN ALL, OF THE FOLLOWING POWERS, INITIAL THE LINE IN FRONT OF EACH POWER YOU ARE GRANTING.

TO WITHHOLD A POWER, DO NOT INITIAL THE LINE IN FRONT OF IT. YOU MAY, BUT NEED NOT, CROSS OUT EACH POWER WITHHELD.

INITIAL

	(A)	Real property transactions,
	(B)	Tangible personal property transactions,
	(C)	Stock and bond transactions,
	(D)	Commodity and option transactions,
	(E)	Banking and other financial institution transactions,
	(F)	Business operating transactions,
	(G)	Insurance and annuity transactions,
	(H)	Estate, trust, and other beneficiary transactions,
	(I)	Claims and litigation,
	(J)	Personal and family maintenance,
	(K)	Benefits from social security, medicare, medicaid, or other governmental programs or civil or military service,
	(L)	Retirement plan transactions,
	(M)	Tax matters,
X	(N)	ALL OF THE POWERS LISTED ABOVE.

YOU NEED NOT INITIAL ANY OTHER LINES IF YOU INITIAL LINE (N).

**SPECIAL INSTRUCTIONS:**

ON THE FOLLOWING LINES YOU MAY GIVE SPECIAL INSTRUCTIONS LIMITING OR  
EXTENDING THE POWERS GRANTED TO YOUR AGENT.

In addition to the powers listed in lines (A) to (M) above, the agent is empowered to do all of the following:

- (1) Establish a trust with property of the principal for the benefit of the principal and the spouse and descendants of the principal, or any one or more of them, upon such terms as the agent determine are necessary or proper, and transfer any property in which the principal has an interest to the trust

- (2) Exercise in whole or in part, release, or let lapse any power the principal may have under any trust whether or not created by the principal, including any power of appointment, revocation, or withdrawal, but a trust created by the principal may only be modified or revoked by the agent as provided in the trust instrument.
- (3) Make a gift, grant, or other transfer without consideration to or for the benefit of the spouse or descendants of the principal or a charitable organization, or more than one or all of them, either outright or in trust, including the forgiveness of indebtedness and the completion of any charitable pledges the principal may have made; consent to the splitting of gifts under Internal Revenue Code Section 2513, or successor sections, if the spouse of the principal makes gifts to any one or more of the descendants of the principal or to a charitable institution; pay any gift tax that may arise by reason of those gifts.
- (4) Loan any of the property of the principal to the spouse or descendants of the principal, or their personal representatives or a trustee for their benefit, the loan bearing such interest, and to be secured or unsecured, as the agent determines advisable.
- (5) In general, and in addition to all the specific acts enumerated, do any other act which the principal can do through an agent for the welfare of the spouse, children, or dependents of the principal or for the preservation and maintenance of other personal relationships of the principal to parents, relatives, friends, and organizations.

In addition to all of the powers listed in lines (A) to (M) and (1) to (5) above, I grant to my agent full power and authority to act for me, in any way which I myself could act if I were personally present and able to act, with respect to all other matters and affairs not listed in lines (A) to (M) or (1) to (5) above, but this authority does not include authority to make health care decisions. I have executed an Advance Health Care Directive naming Robin T Gilb as my agent for those matters.

I nominate my agent to be a conservator of my person or estate or both, or a guardian of my person or estate or both, for consideration by the court if protective proceedings for the my person or estate are hereafter commenced

**UNLESS YOU DIRECT OTHERWISE ABOVE, THIS POWER OF ATTORNEY IS EFFECTIVE IMMEDIATELY AND WILL CONTINUE UNTIL IT IS REVOKED.**

This power of attorney will continue to be effective even though I become incapacitated.

**STRIKE THE PRECEDING SENTENCE IF YOU DO NOT WANT THIS POWER OF ATTORNEY TO CONTINUE IF YOU BECOME INCAPACITATED.**

**EXERCISE OF POWER OF ATTORNEY WHERE MORE THAN ONE AGENT DESIGNATED**

If I have designated more than one agent, the agents are to act \_\_\_\_\_

IF YOU APPOINTED MORE THAN ONE AGENT AND YOU WANT EACH AGENT TO BE ABLE TO ACT ALONE WITHOUT THE OTHER AGENT JOINING, WRITE THE WORD "SEPARATELY" IN THE BLANK SPACE ABOVE. IF YOU DO NOT INSERT ANY WORD IN THE BLANK SPACE, OR IF YOU INSERT THE WORD "JOINTLY", THEN ALL OF YOUR AGENTS MUST ACT OR SIGN TOGETHER

I agree that any third party who receives a copy of this document may act under it. Revocation of the power of attorney is not effective as to a third party until the third party has actual knowledge of the revocation. I agree to indemnify the third party for any claims that arise against the third party because of reliance on this power of attorney.

Signed this 12<sup>th</sup> day of Dec. 2002

Charles A. Harrington  
(your signature)

redacted

(your social security number)

State of North Carolina, County of Mecklenburg

BY ACCEPTING OR ACTING UNDER THE APPOINTMENT, THE AGENT ASSUMES THE FIDUCIARY AND OTHER LEGAL RESPONSIBILITIES OF AN AGENT.

STATEMENT OF WITNESSES: I declare under penalty of perjury under the laws of California

- (1) that the individual who signed or acknowledged this durable power of attorney is personally known to me, or that the individual's identity was proven to me by convincing evidence,
- (2) that the individual signed or acknowledged this durable power of attorney in my presence,
- (3) that the individual appears to be of sound mind and under no duress, fraud, or undue influence,
- (4) that I am not a person appointed as agent by this durable power of attorney, and
- (5) that I am not related to the individual executing this advance health care directive by blood, marriage, or adoption, and to the best of my knowledge, I am not entitled to any part of the individual's estate upon his or her death under a will now existing or by operation of law.

First witness

Sharon M. Gilb  
(print name)

17109 Cabarrus Road  
(address)

Midland, NC  
(city) (state)

[Signature]  
(signature of witness)

12/2/02  
(date)

Second witness

Robert P. Gilb  
(print name)

17109 Cabarrus Road  
(address)

Midland, NC  
(city) (state)

[Signature]  
(signature of witness)

12.26.02  
(date)

COPY ONLY  
DO NOT FORWARD  
TO  
ASSIGNMENT BRANCH

I agree that any third party who receives a copy of this document may act under it. Revocation of the power of attorney is not effective as to a third party until the third party has actual knowledge of the revocation. I agree to indemnify the third party for any claims that arise against the third party because of reliance on this power of attorney.

Signed this 12<sup>th</sup> day of Dec. 2002

Charles A. Harrington  
(your signature)

redacted

\_\_\_\_\_  
(your social security number)

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First witness

Sharon M. Gilb  
(print name)

17109 Cabarrus Road  
(address)

Midland, NC  
(city) (state)

[Signature]  
(signature of witness)

12/2/02  
(date)

Second witness

Robert P. Gilb  
(print name)

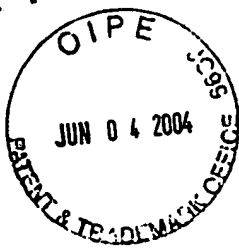
17109 Cabarrus Road  
(address)

Midland, NC  
(city) (state)

[Signature]  
(signature of witness)

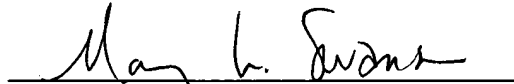
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PATENT  
Atty. Docket No. PP-19681.002

I hereby certify that this paper is being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Nancy L. Swanson

  
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: WILLY LAGWINSKI et al.  
Confirmation No.: 7324  
U.S. Application No. 10/655,588  
Filing Date: September 5, 2003  
Group Art Unit: 1743  
Examiner: Unassigned  
For: METHODS FOR VERIFYING FLUID MOVEMENT

POWER OF ATTORNEY FOR PATENT APPLICATION

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

As assignee of record of the above-identified application, I hereby appoint the following as my attorneys with full power of substitution to prosecute this application and transact all business in the patent office connected therewith:

Comprising Chiron Corporation, Emeryville, California:

<u>Name</u>	<u>Reg. No.</u>	<u>Name</u>	<u>Reg. No.</u>
Lisa E. Alexander	41,576	Robert P. Blackburn	30,447
Steven W. Collier	42,429	Young J. Suh	41,337
Rebecca M. Hale	45,680	Alisa A. Harbin	33,895
Charlene A. Launer	33,035	Marcella Lillis	36,583
Michael J. Moran	42,013	T. Helen Payne	36,889

Comprising the firm of FOLEY & LARDNER, Washington, D.C.:

Richard C. Peet  
Registration No. 35,792

Please direct all telephone calls regarding this application to Richard C. Peet at Foley & Lardner: Telephone (202) 672-5300; Facsimile (202) 672-5399.

Address for ALL Correspondence:

Chiron Corporation  
Intellectual Property  
P.O. Box 8097  
Emeryville, CA 94662-8097

CHIRON CORPORATION

By: Marcella Lillis  
Marcella Lillis  
Assistant Secretary

Dated this 1<sup>st</sup> day of June, 2004